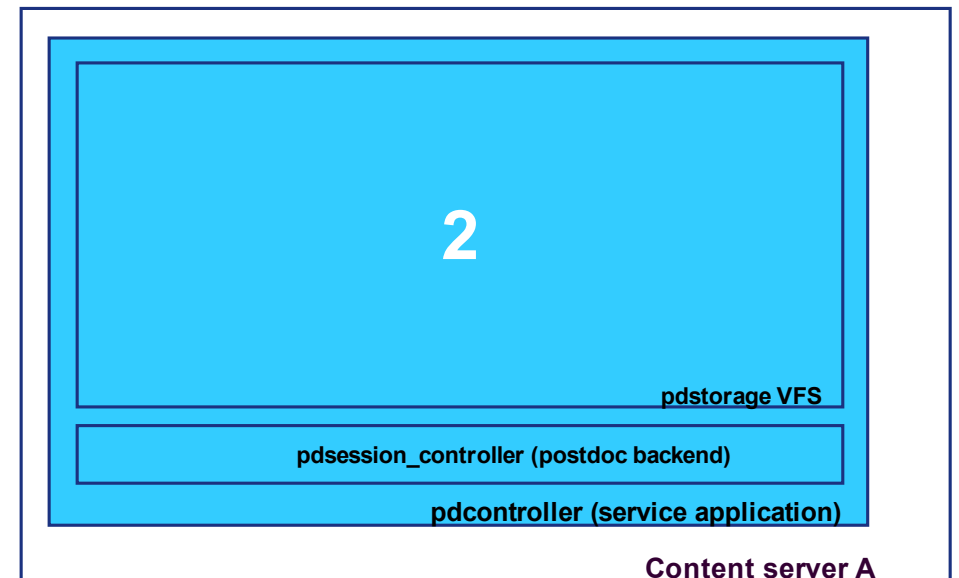
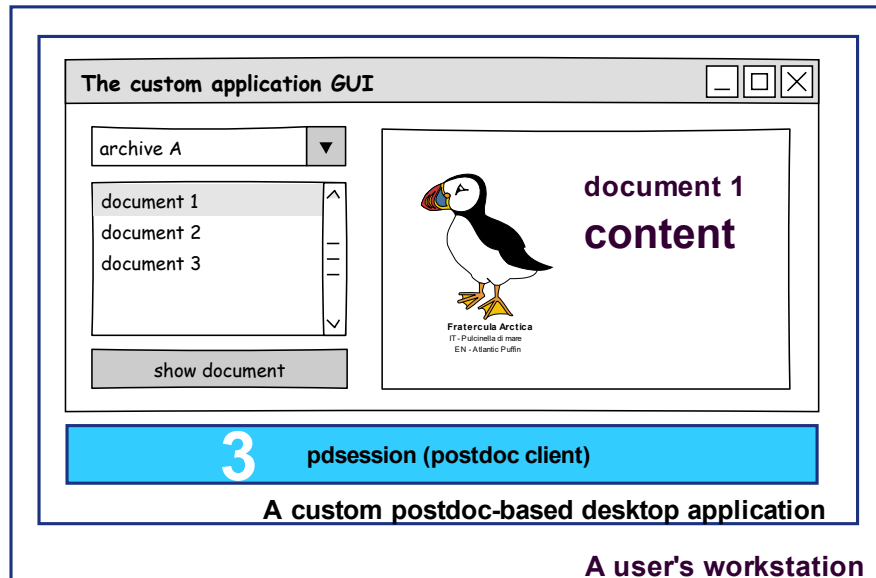
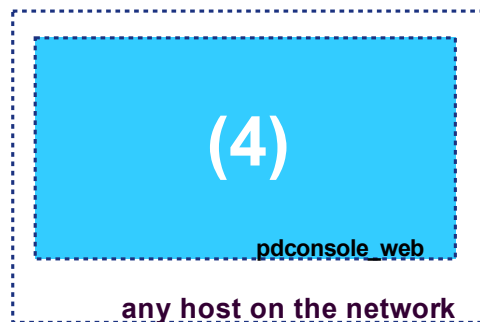


What does a postdoc system consist of ?



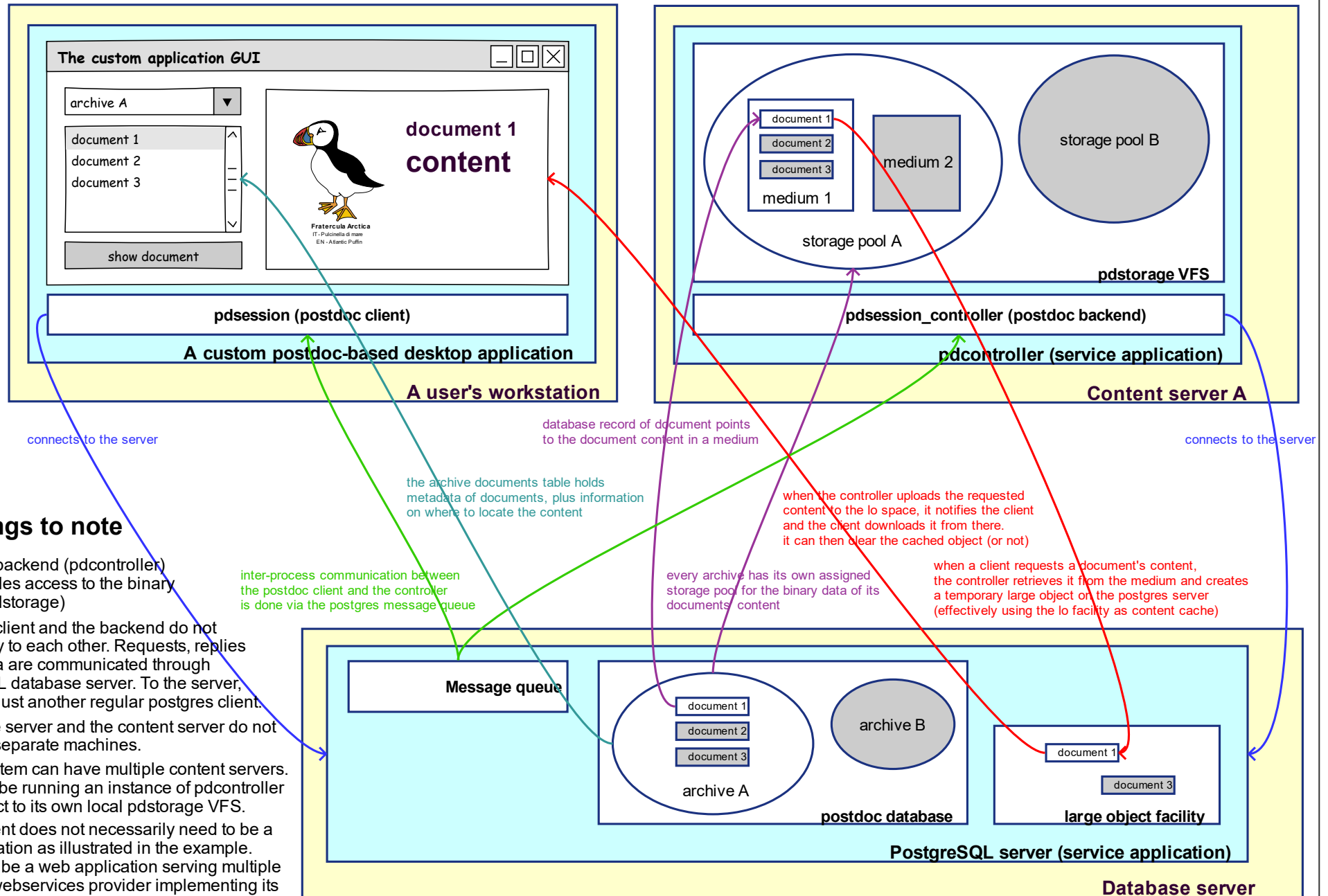
**A
postdoc
system
consists
of :**

1. A standardized postdoc database on a PostgreSQL server
2. The pdcontroller service application on one or multiple content servers
3. The postdoc client classes used on one or multiple user applications
4. (optionally) The pdconsole_web initialization & administration application



A structural overview

A structural overview



A few things to note

- The postdoc backend (pdcontroller) primarily provides access to the binary object store (pdstorage)
- The postdoc client and the backend do not connect directly to each other. Requests, replies and binary data are communicated through the PostgreSQL database server. To the server, pdcontroller is just another regular postgres client.
- The database server and the content server do not have to be on separate machines.
- A postdoc system can have multiple content servers. Each needs to be running an instance of pdcontroller and will connect to its own local pdstorage VFS.
- A postdoc client does not necessarily need to be a desktop application as illustrated in the example. It might as well be a web application serving multiple sessions or a webservice provider implementing its own protocol on top of postdoc.